GFE-103

WPF

GAM-21

T101 BF314

T102 BF314

T103 BF195

T301 BF245

T302 BC149C

T303 BC149C

T304 BC149C

US301 TCA440

FHC-465

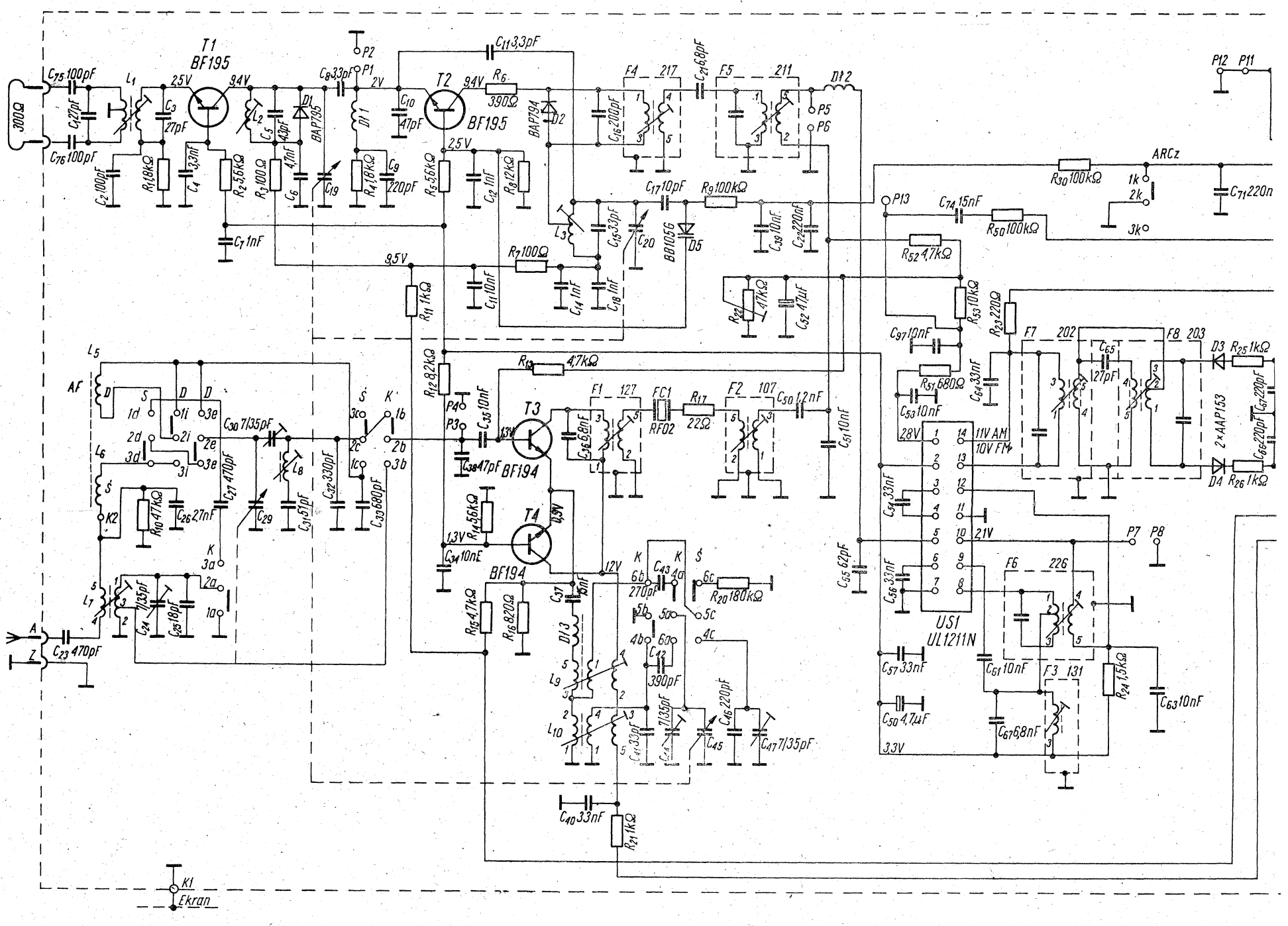
Uwaga:
Napięcia mierzono woltomierzem o rezystancji wewnętrznej 20kΩ/V

Kierunek włączania

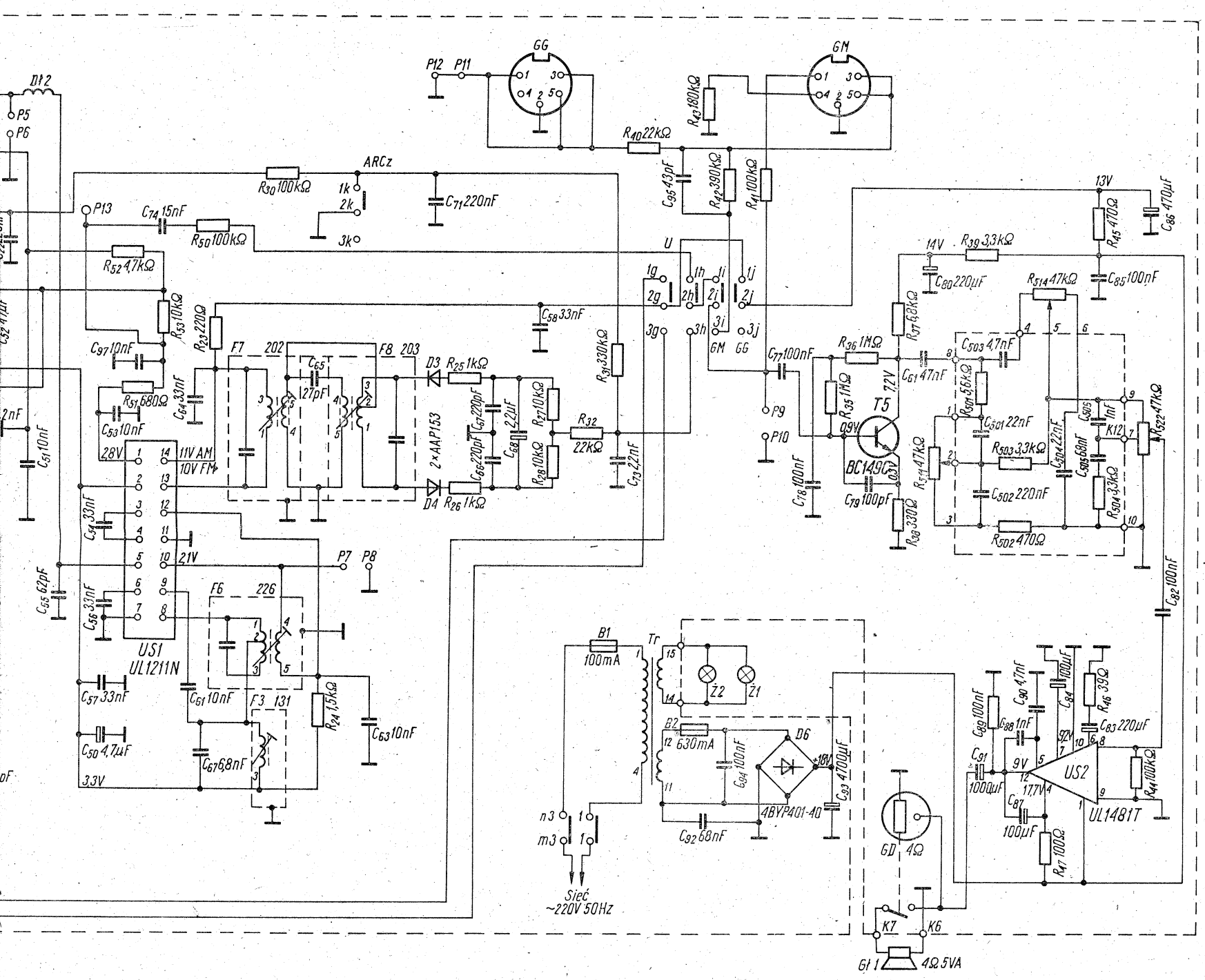
Włączony zakres fal S1

C205 100µ 15V R213 68Ω R214 220Ω C212 47µ
R203 100Ω R204 100Ω C253 100n C204 100n
C203 22n R205 220Ω C206 22n R206 15k R212 470Ω
C213 22n R217 12k R220 330Ω
L107 C115 82p C202 22n R207 100Ω T201 BF194 14V 14V
2×FCM 10,7MHz CF3 CF2 R216 470Ω C214 22n R215 1,5k R218 1,5k
R208 2,7k C209 22n R209 1k
T203 BF194 14V 1,45V R221 1k C210 22n
FCM10,7MHz CF1
T103 BF195 C106 10n C127 4,7n C128 12p
R219 68Ω C238 47µ
C218 22n C217 22n C216 22n R222 470Ω C219 220n R223 68Ω
F201 211 L205 11V
US201 HA1137W 5,6V 5,6V 5,6V 5,6V 5,6V 5,6V 16V (0V) 3,6V 6V
R230 3,9k R231 10k C223 470n R232 220Ω C225 2,2µ C227 47µ R233 3,3k C228 2,2µ C226 300p
R234 220k R235 4,7k R236 220Ω
WD-2 Zero FM
R237 180k R238 2,7k T205 BC149B 12V
R225 100k C221 220n C222 22µ R226 33k R227 10k R228 10k R229 2,4k C224 22n
T204 BC149B
K808 +14V T802 25V R817 47Ω BC107B R818 6,8k R816 3,3k C807 100n C808 4,7µ R819 10k
C809 100µ T804 BC107B R825 4,7k 7,0V R824 12k 4,1V BZT630C9V1 D801 C806 220µ R815 10k R813 4,7k 1,7V
K801 R814 22k 13L
B C Wyciszenie
PS K809
R320 180Ω K14 L 26 M 27 C362 100n
C361 47n R321 2,4k R322 1,2k
R319 47k P6 C360 820p 1n R336 1M C356 1µ BC149C 1,2k P5 P4
C229 2,2µ C232 470n R239 1k C238 220n R240 1,5k
US202 HA1156 2V 4,5V 0V 2V 3,2V 2,2V 13,2V 5,5V 9,5V 5,5V
C230 47n C231 200p C234 220n R241 10k C235 270p R235 15k
R242 5,6k R243 5,6k C236 10n C237 10n C239 2,2µ C240 2,2µ
R246 120k R244 22k R245 22k R247 120k
T206 BC149B 11,5V T207 BC149B 11,5V
R248 47k R250 2,2k R251 2,2k R252 47k R249 4,7k C241 10µ C242 10µ
L201 L203 L202 L204
C245 1n C249 1n C243 24n C247 82n C251 24n R253 27k
C244 24n C248 82n C246 1n C250 1n C252 24n R254 27k
D5 CQP441
WK
C605 2,2µ R613 220k 13V R627 2,7k 30V
R609 33k T601 BC149C 1,3V C607 100p T603 BC149C 1,3V C619 2,2µ
C601 200p C603 4,7µ R607 100k R615 220k C617 10µ
C623 47µ R603 130Ω R611 1k C615 100µ R121 820Ω
R517 10k R623 150k C609 6,8n C611 22n
C606 2,2n R614 220k
R610 3,3k T602 BC149C 1,3V C608 100p T604 BC149C 1,3V C620 2,2µ
C602 200p C604 4,7µ R608 100k R616 220k C618 10µ
C624 47µ R604 130Ω R612 1k C616 100µ R122 820Ω
R618 10k R624 150k C610 6,8n C612 22n
G2 G3 G1
K2 20 23 22 18 19 25 24 11 10
C308 4,7n C369 1µ C370 10µ R333 180k C371 1µ C372 10µ R334 180k
WMP K405 380mV R401 47k R405 47k C407 100µ R407 750Ω C406 4,7µ R409 330k R411 2,2k
T401 BC149C 9,6V C408 4,7µ R413 10k R416 2,4k C410 68n R418 47k R426 10k R428 1k
C412 68n C414 47n R424 1,5k R420 24k R422 100k C419 6,8n
P K403 R402 47k R406 47k R408 750Ω C406 4,7µ R410 330k T402 BC149C 9,6V C409 4,7µF
R412 220k R414 10k R417 2,4k C411 68n R419 47k C415 47n R425 1,5k R421 2,4k R423 100k R427 10k C417 68n
K404
Tr1 K701 K702 C703 47n C701 47n C702 47n C704 47n PR701 B80 C5000/3300
R701 680Ω 35V C706 R702 130Ω C707 R703 3,3k R704 2,7k C705 220µ K704
IV III BA1 WTAT 260/1 ~220V 50Hz II I
BA3 WTAT 250/100 K708 D701 BYP401-200V C714 47n
K707 46V R710 330Ω C717 220µ C713 220µ ZT BA2 WTAT 260/2,5
Ż1 Ż2 Ż3 Ż4 Ż5

WD-2
Zero FM
WD3
R3 100k
R232 220Ω
R236 220Ω
R225 2,2µ
R227 47µ
R235 4,7k
R233 3,3k
R234 220k
C228 2,2µ
C226 300p
R237 180k
R238 27k
T205 BC149B
R228 10k
C224 22n
R229 24k
231 10k
211
8
17
7
6
5,6V
16V
10V)
42V
K808
+44V
T802
25V
R817 47Ω
BC107B
R818 6,8k
R816 3,3k
C807 100n
C809 100µ
T804
BC107B
R824 12k
9,1V
BZP630C9V1
D801
C806 220µ
C808 4,7µ
R819 10k
R825 4,7k
7,0V
T803 BC107B
R815 10k
R813 4,7k
17V
R812 1M
R811 1M
C805 220n
K802
K807
K804
K311
3V
K803
26V
R832 100k
R827 47k
27V
R822 1k
T801
R823 180k
R828 47k
BC147B
R820 3,3k
R821 100k
30V
1,35V
18 17 16 15 14 13 12 11 10
US801 UAS580
1 2 3 4 5 6 7 8 9
K806
K810
C
B
A
25 26
K805
R826 10k
R801 3,3M
C804 10n
R809 5,1M
R808 22k
C802 10n
R807 5,1M
R806 22k
C803 10n
R805 5,1M
R804 22k
C801 22n
R803 5,1M
R802 2,2k
D4
D3
D2
D1
4x CQP441
4 3 2 1
K801
R814 22k
13L
10
9
2
B
C
Wyciszenie
D5
CQP441
PS
K809
WMP
K405
L
380mV
R401 47k
R405 47k
C407 100µ
24,2V
R409 330k
R407 750Ω
C406 4,7µ
R411 220k
T401 BC149C
9,6V
C408 4,7µ
R413 10k
R416 24k
C410 68n
R418 47k
C412 68n
R420 24k
R424 1,5k
C414 47n
R426 10k
R422 100k
C416 68n
R428 1k
R430 47k
C418 68n
C420 4,7µ
R432 470k
T405 BC149C
T403 BC149C
17V
R434 22k
R438 1,5k
R440 20k
C421 1µ
C422 100p
R436 47k
R415 1,5k
K409
K410
K408
K407
K411
K403
R402 47k
R406 47k
R408 750Ω
C406 4,7µ
R410 330k
T402 BC149C
9,6V
C409 47µF
R412 220k
R414 10k
R417 2,4k
C411 68n
R419 47k
C413 68n
R421 2,4k
R423 100k
R427 10k
C417 68n
R429 1k
C419 68n
R431 47k
C421 4,7µ
R433 470k
T406 BC149C
T404 BC149C
17V
R435 22k
R439 1,5k
R441 20k
C423 1µ
C423 100p
R437 47k
K401
K402
K404
P
WMK
BA501 WTA 250/16
C505 100µ
R503 3,6k
33V
34V
40V
20V
US501 GML025
C501 10µ
R501 43k
C509 22µ
C511 0,1µ
C507 22µ
C515 100p
C503 220µ
R505 1,5k
R507 3,9Ω
BA502 WTA 250/16
C506 100µ
R504 3,6k
US502 GML025
C502 10µ
R502 43k
C510 22µ
C512 0,1µ
C508 22µ
C514 100p
C504 220µ
R506 1,5k
R508 3,9Ω
C513 470µ
K709
K710
K711
K712
K716
K705
K715
C1 4700µ
C711 4700µ
C701 47n
C702 47n
C703 47n
C704 47n
PR701 B80 C5000/3300
K701
K702
K704
K718
K713
R701 680Ω
R705 820Ω
35V
30V
C706 220µ
C708 470µ
T701 BD137
R702 130Ω
34V
R703 3,3k
C707 220µ
R704 2,7k
C705 220µ
T702 BC147B
C709 47n
R706 2,7k
R707 1k
R708 3,3k
R709 2,2k
C715 470µ
BZP630C7V5 D702
K714
K717
K706
Tr1
IV III BA1
WTAT 250/1,1
~220V 50Hz
II I
BA3
WTAT 250/100
C714 47n
D701
BVP401-200V
K708
K707
46V
R710 330Ω
C717 220µ
C713 220µ
BA2
WTAT 250/2,5
ZT
Ż1 Ż2 Ż3 Ż4 Ż5 Ż6 Ż7 Ż8 Ż9 Ż10
K901
Tył 4Ω G/L
Przód 4Ω G/L
Tył 4Ω G/P
Przód 4Ω G/P
Kierunek przełączania
R905 68Ω
R906 6,8Ω
R903 4,7Ω
R904 6,8Ω
R902 10Ω
R901 22Ω
AMB
R1 1k
R2 1k
6SŁ



Rys 16-7. Schemat ideowy odbiornika „Taraban"


GG
GM
P12
P11
R40 22kΩ
R43 180kΩ
C95 43pF
R42 390kΩ
R41 100kΩ
ARCz
R30 100kΩ
1k
2k
3k
C71 220nF
P13
C74 15nF
R50 100kΩ
R52 4,7kΩ
R53 10kΩ
C97 10nF
R51 680Ω
C53 10nF
C64 33nF
R23 220Ω
F7 202
F8 203
C65 27pF
D3
D4
2×AA143
R25 1kΩ
R26 1kΩ
C67 220pF
C66 220pF
C68 2,2µF
R27 10kΩ
R28 10kΩ
C58 33nF
R32 22kΩ
C73 22nF
R31 330kΩ
U
1g
2g
3g
1h
2h
3h
1i
2i
3i
1j
2j
3j
GM
GG
C77 100nF
R36 1MΩ
R35 1MΩ
T5
BC149C
9V
7,2V
0,3V
C79 100pF
C78 100nF
R38 330Ω
R37 68kΩ
C61 47nF
P9
P10
14V
R39 3,3kΩ
C80 220µF
13V
R45 470Ω
C86 470µF
R514 47kΩ
C85 100nF
C503 4,7nF
R513 56kΩ
C501 22nF
C505 1nF
K12
R522 47kΩ
R503 3,3kΩ
C504 22nF
C506 68nF
R514 47kΩ
R504 3,3kΩ
C502 220nF
R502 470Ω
C82 100nF
28V
11V AM
10V FM
21V
US1
UL1211N
C54 33nF
C55 62pF
C56 3,3nF
C57 33nF
C50 4,7µF
3,3V
F6 226
C61 10nF
C67 68nF
F3 131
R24 1,5kΩ
C63 10nF
P7
P8
B1
100mA
Tr
Z2
Z1
B2
630mA
D6
4BYP401-40
C84 100nF
C93 4700µF
C92 68nF
n3
m3
Sieć
~220V 50Hz
C89 100nF
C90 47nF
C88 1nF
C84 100µF
R46 39Ω
C83 220µF
C91 1000µF
9V
17,7V
US2
UL1481T
C87 100µF
R47 100Ω
R41 100kΩ
GD
4Ω
K7
K6
GI 1
4Ω 5VA